

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## PHOSPHO-AKT (THR308) RABBIT PAB

Cat.#: N225423

**Product Name:** Anti-Phospho-AKT (Thr308) Rabbit pAb

**Synonyms:** AKT1; PKB; RAC; RAC-alpha serine/threonine-protein kinase; Protein kinase B; PKB; Protein kinase B alpha; PKB alpha; Proto-oncogene c-Akt; RAC-PK-alpha

**UNIPROT ID:** P31749

**Background:** Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473.

**Immunogen:** Synthesized phospho-peptide around the phosphorylation site of human Akt (phospho Thr308)

**Applications:** ICC/IF,WB,IHC-F,IHC-P,ELISA

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 56 kDa; Observed MW: 56 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

Conjugation: Unconjugated

Modification: Phosphorylated

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

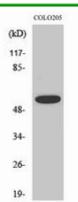
Research Areas: Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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Western blot analysis of Phospho-AKT (Thr308) in COLO205 lysates using Phospho-AKT (Thr308) antibody.